

To: Gregory Grant [Ex. 6 - Personal Privacy]
Ex. 4 - CBI Letitia Tierney[Letitia.Tierney@wv.gov]
Cc: Arguto, William[Arguto.William@epa.gov]; Ex. 4 - CBI
Ex. 4 - CBI; bucher@niehs.nih.gov[bucher@niehs.nih.gov]; Burns, Francis[Burns.Fran@epa.gov];
Capacasa, Jon[Capacasa.jon@epa.gov]; Caporale, Cynthia[Caporale.Cynthia@epa.gov];
Ex. 4 - CBI; Christopher Weis[christopher.weis@nih.gov]; Clark,
Becki[Clark.Beki@epa.gov]; Ex. 4 - CBI; Cox, Edward C MAJ
USARMY NG VAARNG (US)[edward.c.cox2.mil@mail.mil]; Ex. 4 - CBI
Ex. 4 - CBI Cseh, Larry F CAPT (US)[loc3@cdc.gov];
Ex. 4 - CBI
Ex. 4 - CBI McElfresh, Martha A[Martha.A.McElfresh@wv.gov];
masten@niehs.nih.gov[masten@niehs.nih.gov]; miller.aubrey@nih.gov[miller.aubrey@nih.gov];
Ex. 4 - CBI

Gregory[Sayles.Gregory@epa.gov]; Ex. 4 - CBI; Singhvi,
Raj[Singhvi.Raj@epa.gov]; Ex. 4 - CBI

Ex. 4 - CBI vck3@cdc.gov[vck3@cdc.gov]; Walt Ivey[Walter.M.Ivey@wv.gov]
From: Werner, Lora
Sent: Mon 2/3/2014 5:19:42 PM
Subject: CDC public website updated with PPH screening level info now

Thank you. Lora Werner, ATSDR/CDC Region 3

<http://emergency.cdc.gov/chemical/MCHM/westvirginia2014/index.asp>

From: Grant, Gregory L LTC USARMY (US) <gregory.l.grant.mil@mail.mil>
Sent: Monday, February 03, 2014 10:49:55 AM
To: Ex. 4 - CBI Letitia.Tierney@wv.gov
Cc: Arguto, William; Ex. 4 - CBI bucher@niehs.nih.gov; Burns, Francis; Capacasa,
Jon; Caporale, Cynthia; Ex. 4 - CBI christopher.weis@nih.gov; Clark, Becki;
Ex. 4 - CBI Cox, Edward C MAJ USARMY NG VAARNG (US);
Ex. 4 - CBI; Cseh, Larry F CAPT (US);
Ex. 4 - CBI McElfresh, Martha A; masten@niehs.nih.gov;
miller.aubrey@nih.gov; Ex. 4 - CBI
Ex. 4 - CBI Singhvi, Raj; Ex. 4 - CBI
Ex. 4 - CBI vck3@cdc.gov; Ivey, Walter M; Werner, Lora
Subject: PPh Discussion Group/Dept. Homeland Security Emergency Management Website.

All,

Labs that have reported data for the WV Water Crisis are REIC Labs, Matric Labs, Dept Health & Human Resources Office of Laboratory Services, WV American Water Lab, Battelle Labs, and Test America Labs. The operational tracking spreadsheet of the lab results has been public information and regularly been posted to WV Dept. of Homeland Security Emergency Management Website. You may refer to this website for lab data. If specific lab data is needed, each of the above mentioned labs should have their own internal data.

www.dhsem.wv.gov

Click on water crisis information, then scroll half way down screen and you will see laboratory results.

Thanks,
Greg

Greg Grant
LTC, SP, WWRNG
Commander
35th CST (WMD)
5 Armory Drive
Saint Albans, WV 25177

Ex. 6 - Personal Privacy

----Original Message----

From: [REDACTED] Ex. 4 - CBI
Sent: Friday, January 31, 2014 5:45 PM
To: Letitia.Tierney@wv.gov
Cc: Arguto, William; [REDACTED] Ex. 4 - CBI; bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; [REDACTED] Ex. 4 - CBI; christopher.weis@nih.gov; Clark, Becki; [REDACTED] Ex. 4 - CBI; Cox, Edward C MAJ USARMY NG VAARNG (US); [REDACTED] Ex. 4 - CBI; Grant, Gregory L LTC USARMY (US); [REDACTED] Ex. 4 - CBI; [REDACTED] Ex. 4 - CBI; McElfresh, Martha A; [REDACTED] Ex. 4 - CBI; masten@niehs.nih.gov; miller.aubrey@nih.gov; [REDACTED] Ex. 4 - CBI; [REDACTED] Ex. 4 - CBI; Singhvi, Raj; [REDACTED] Ex. 4 - CBI; [REDACTED] Ex. 4 - CBI; vck3@cdc.gov; Ivey, Walter M; Werner.Lora@epa.gov
Subject: RE: PPH Discussion Group

Dr. Tierney,

Thank you for sharing this news - we will wait for the official word - this will certainly help restore customer confidence when made public.

Regards,

Ex. 4 - CBI

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

From: "Tierney, Letitia" <Letitia.Tierney@wv.gov>

To: [REDACTED] **Ex. 4 - CBI**
"Werner.Lora@epa.gov" <Werner.Lora@epa.gov>
Cc: "Arguto, William" <Arguto.William@epa.gov>, [REDACTED]
[REDACTED] **Ex. 4 - CBI**
"bucher@niehs.nih.gov" <bucher@niehs.nih.gov>, "Burns, Francis"
<Burns.Fran@epa.gov>, "Capacasa, Jon" <Capacasa.jon@epa.gov>,
"Caporale, Cynthia" <Caporale.Cynthia@epa.gov>, [REDACTED]
[REDACTED] **Ex. 4 - CBI**
"christopher.weis@nih.gov" <christopher.weis@nih.gov>, "Clark,
Becki" <Clark.Becki@epa.gov>, [REDACTED] **Ex. 4 - CBI**
[REDACTED] **Ex. 4 - CBI**, "Cox, Edward C MAJ USARMY NG
VAARNG (US)" [REDACTED] **Ex. 6 - Personal Privacy**

[REDACTED] **Ex. 4 - CBI** [REDACTED] "Grant, Gregory L LTC USARMY
(US)" [REDACTED] **Ex. 6 - Personal Privacy** [REDACTED] **Ex. 4 - CBI**
[REDACTED] **Ex. 4 - CBI** [REDACTED] "Cseh, Larry F CAPT (US)"
<loc3@cdc.gov>, [REDACTED] **Ex. 4 - CBI**
<McElfresh, Martha A.>, [REDACTED] **Ex. 4 - CBI**
[REDACTED] **Ex. 4 - CBI**, "McElfresh, Martha A."
<Martha.A.McElfresh@wv.gov>, "masten@niehs.nih.gov"
<masten@niehs.nih.gov>, "miller.aubrey@nih.gov"
<miller.aubrey@nih.gov>, [REDACTED] **Ex. 4 - CBI**

Ex. 4 - CBI

[REDACTED] **Ex. 4 - CBI** [REDACTED], "Sayles, Gregory"
<Sayles.Gregory@epa.gov> [REDACTED] **Ex. 4 - CBI**
[REDACTED] "Singhvi, Raj" <Singhvi.Raj@epa.gov>, [REDACTED]

Ex. 4 - CBI [REDACTED] **Ex. 4 - CBI**

[REDACTED] **Ex. 4 - CBI** [REDACTED] "vck3@cdc.gov"
<vck3@cdc.gov>, "Ivey, Walter M" <Walter.M.Ivey@wv.gov>

Date: 01/31/2014 05:38 PM
Subject: RE: PPH Discussion Group

Hello all:

I have just now received a call from the CDC with regards to a screening level of the PPH and the di-PPH. Both of them have a screening level of 1.2 ppm. The CDC encouraged us to continue to test down into the PPB range for both di-PPH and PPH. There will be an official statement coming soon and will be posted on their web site as well as being provided to us.

Thank you.

Letitia Tierney, MD JD
Commissioner Bureau of Public Health
State Health Officer
West Virginia Department of Health and Human Resources
350 Capitol Street, Room 702
Charleston, WV 25301

304-558-2971

Letitia.Tierney@WV.gov

PRIVILEGED AND CONFIDENTIAL: This email and any attachments contains information from the Bureau of Public Health of the Department of Health and Human Resources of the State of West Virginia. It is intended for the exclusive use of the intended addressee only. It may contain information that is proprietary, confidential or privileged, or law-enforcement sensitive. It is protected by all applicable doctrines or privileges, including, but not limited to applicable state and federal law, the attorney-client privilege and the work product doctrine. These doctrines and privileges are not waived by virtue of sending this communication in error. If you are not the addressee, or have somehow received this communication in error, you are notified that any use, dissemination, disclosure, distribution, forwarding, printing or copying of this communication and any attachments is prohibited, and may be a violation of state or federal law. If you received this communication in error, please immediately delete this communication along with any attachments or files, and destroy all written or electronic copies. Please notify us of the errant communication and your action by phone at 304-558-2971 or by return email.

THANK YOU!

-----Original Message-----

From: [REDACTED] **Ex. 4 - CBI** [REDACTED]
Sent: Friday, January 31, 2014 4:06 PM
To: Werner.Lora@epa.gov
Cc: Arguto, William; [REDACTED] **Ex. 4 - CBI** [REDACTED]; bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; [REDACTED] **Ex. 4 - CBI** [REDACTED]; christopher.weis@nih.gov; Clark, Becki; [REDACTED] **Ex. 4 - CBI** [REDACTED]; Cox, Edward C MAJ USARMY NG VAARNG (US); [REDACTED] **Ex. 4 - CBI** [REDACTED]; Grant, Gregory L LTC USARMY (US); Tierney, Letitia; [REDACTED] **Ex. 4 - CBI** [REDACTED]; Cseh, Larry F CAPT (US); [REDACTED] **Ex. 4 - CBI** [REDACTED]; McElfresh, Martha A; masten@niehs.nih.gov; miller.aubrey@nih.gov; [REDACTED] **Ex. 4 - CBI** [REDACTED]; Sayles, Gregory; [REDACTED] **Ex. 4 - CBI** [REDACTED]; Singhvi, Raj; [REDACTED] **Ex. 4 - CBI** [REDACTED]; vck3@cdc.gov; Ivey, Walter M [REDACTED] **Ex. 4 - CBI** [REDACTED]
Ex. 4 - CBI [REDACTED]
Ex. 4 - CBI [REDACTED]
Subject: RE: PPH Discussion Group

Thanks Lora, It would also be good to hear if there is more information on a health based standard. I will set up a conference call for Monday starting at 10:30 am.

Regards,

Ex. 4 - CBI

West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

From: "Werner, Lora" <Werner.Lora@epa.gov>
To: "Grant, Gregory L LTC USARMY (US)"

Ex. 6 - Personal Privacy

Ex. 4 - CBI

"William" <Arguto.William@epa.gov>,

"b"
"b"

Ex. 4 - CBI

<Burns.Fran@epa.gov>, "Capacasa, Jon" <Capacasa.jon@epa.gov>,
"Caporale, Cynthia" <Caporale.Cynthia@epa.gov>,

"c"
"c"
B
<

Ex. 4 - CBI

h.com"
SARMY NG

VAAARNG (US)

Ex. 6 - Personal Privacy

Ex. 4 - CBI

"n>, "letitia.tierney@wv.gov"

Ex. 4 - CBI

"Cseh, Larry F CAPT (US)"

<loc3@cdc.gov>

Ex. 4 - CBI

<Ex. 4 - CBI>, "martha.a.mcelfresh@wv.gov"

<martha.a.mcelfresh@wv.gov>, "masten@niehs.nih.gov"

<masten@niehs.nih.gov>, "miller.aubrey@nih.gov"

<miller.aubrey@nih.gov>

Ex. 4 - CBI **Ex. 4 - CBI**

"Sayles, Gregory"

<Sayles.Gregory@epa.gov>

Ex. 4 - CBI

"Singhvi, Raj" <Singhvi.Raj@epa.gov>,

search.com"

search.com>,

dupont.com"

dupont.com>, "vck3@cdc.gov"

<vck3@cdc.gov>, "walter.m.ivey@wv.gov" <walter.m.ivey@wv.gov>

Date: 01/31/2014 04:03 PM

Subject: RE: PPH Discussion Group

Hello there

Might there be any interest in convening another call of this group sometime early next week? It might be helpful to further discuss the different analyses of waste material samples, the recent formaldehyde issues, and the status of PPH/diPPH analyses?

Thank you, Lora

Lora Siegmann Werner, MPH

Regional Director, Region 3

Division of Community Health Investigations Agency for Toxic Substances & Disease Registry
(ATSDR)/Centers for Disease Control & Prevention c/o EPA Region 3

1650 Arch Street
Mailstop 3HS00
Philadelphia, PA 19103

Desk phone: 215-814-3141
Cell phone: 215-588-9778
Fax: 215-814-3003
Emails (only need to use one): lkw9@cdc.gov and werner.lora@epa.gov

From: Grant, Gregory L LTC USARMY (US) [mailto:**Ex. 6 - Personal Privacy**]
Sent: Monday, January 27, 2014 7:55 PM
To: **Ex. 4 - CBI**; Arguto, William; **Ex. 4 - CBI**; bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; **Ex. 4 - CBI**; christopher.weis@nih.gov; Clark, Becki; **Ex. 4 - CBI**; Cox, Edward C MAJ USARMY NG VAARNG (US); **Ex. 4 - CBI**; letitia.tierney@wv.gov; **Ex. 4 - CBI**; Cseh, Larry F CAPT (US); **Ex. 4 - CBI**; martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; **Ex. 4 - CBI**; Sayles, Gregory; **Ex. 4 - CBI**; Singhvi, Raj; **Ex. 4 - CBI**; vck3@cdc.gov; walter.m.ivey@wv.gov; Werner, Lora Subject: RE: PPH Discussion Group

All,

See attached. I am forwarding data on behalf of REIC.

Thanks,

Lieutenant colonel Grant:

Ex. 4 - CBI asked me to send these GCMS fragmentation pattern scans for the PPH to you. He figured it would be easier to email them to you and then allow you to send them to the interested parties from this morning's conference call. The draft SOP should be emailed to you sometime tomorrow. If you need anything else, please be sure to let **Ex. 4 - CBI** or Dr. **Ex. 4 - CBI** know.

Ex. 4 - CBI
Quality Program Manager
REI Consultants, Inc.
225 Industrial Park Road
Beaver, WV 25813

Ex. 4 - CBI

From: **Ex. 4 - CBI**
Sent: Monday, January 27, 2014 11:49 AM
To: **Ex. 4 - CBI**; arguto.william@epa.gov; **Ex. 4 - CBI**; bucher@niehs.nih.gov; burns.fran@epa.gov; capacasa.jon@epa.gov; caporale.cynthia@epa.gov; **Ex. 4 - CBI**; christopher.weis@nih.gov; clark.becki@epamail.epa.gov; **Ex. 4 - CBI**; Cox, Edward C MAJ USARMY NG VAARNG (US); **Ex. 4 - CBI**; Grant, Gregory L LTC USARMY (US); letitia.tierney@wv.gov; **Ex. 4 - CBI**; Cseh, Larry F CAPT (US); **Ex. 4 - CBI**; martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; **Ex. 4 - CBI**; Sayles, Gregory; **Ex. 4 - CBI**; Singhvi, Raj; **Ex. 4 - CBI**; vck3@cdc.gov;

walter.m.ivey@wv.gov; werner.lora@epa.gov
Subject: PPH Discussion Group
Attached is MATRIC's PPH and DiPPH GC Spectra.
<<...>>
Best Regards

Ex. 4 - CBI

PROCESS ENGINEER
MATRIC | Mid-Atlantic Technology, Research & Innovation Center

Office [redacted] Ex. 4 - CBI :
P.O. Box 8396, South Charleston, WV 25303 www.matricinnovates.com | Twitter
| LinkedIn ----Original Appointment-----
From: [redacted] Ex. 4 - CBI
Sent: Saturday, January 25, 2014 5:44 PM
To: arguto.william@epa.gov; [redacted] Ex. 4 - CBI ; bucher@niehs.nih.gov; burns.fran@epa.gov;
capacasa.jon@epa.gov; caporale.cynthia@epa.gov; [redacted] Ex. 4 - CBI christopher.weis@nih.gov;
clark.becki@epamail.epa.gov; [redacted] Ex. 4 - CBI Ex. 6 - Personal Privacy
letitia.tierney@wv.gov; [redacted] Ex. 4 - CBI ; loc3@cdc.gov; [redacted] Ex. 4 - CBI
[redacted] Ex. 4 - CBI ; m: martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov;
miller.aubrey@nih.gov; [redacted] Ex. 4 - CBI sayles.gregory@epa.gov;
[redacted] Ex. 4 - CBI ; singhvi.raj@epa.gov; [redacted] Ex. 4 - CBI
Ex. 4 - CBI yck3@cdc.gov; walter.m.ivey@wv.gov; werner.lora@epa.gov
Subject: Conference Call -- PPH Discussion Group Ex. 6 - Personal Privacy
When: Sunday, January 26, 2014 10:00 AM-11:00 AM Eastern.
Where:
Description
Conference Call Information:
Dial In [redacted] Ex. 6 - Personal Privacy
Meetin [redacted]

All,

REIC Laboratory reports they can detect PPh/DiPPH at less than 10ppb with
20 ml of sample. We are providing them with historic samples from 10-13 Jan so they can look back at
those samples for PPh/DiPPH. They are reporting on the current samples at 1.04 ppb level. (Correct me if
I am wrong) [redacted]
Ex. 6 - Personal Privacy

[redacted] Ex. 4 - CBI is planning on sending out conference call regarding PPh for
10:00 a.m., Monday 27 Jan. We appreciate everyone's assistance with this incident.

Thanks,
Greg

Greg Grant, LTC, WVARNG
Commander
35th Civil Support Team (WMD)
5 Armory Drive
Saint Albans, WV. 25177

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy

Sent from my blackberry

----- Original Message -----

From: [REDACTED] Ex. 4 - CBI
Sent: Saturday, January 25, 2014 01:25 PM
To: arguto.william@epa.gov <arguto.william@epa.gov>; [REDACTED] Ex. 4 - CBI
[REDACTED] Ex. 4 - CBI bucher@niehs.nih.gov <bucher@niehs.nih.gov>; burns.fran@epa.gov <
burns.fran@epa.gov>; capacasa.jon@epa.gov <capacasa.jon@epa.gov>; 'caporale.cynthia@epa.gov'
<caporale.cynthia@epa.gov>; [REDACTED] Ex. 4 - CBI @reiclabs.com' [REDACTED] Ex. 4 - CBI >; christopher.weis@nih.gov <
christopher.weis@nih.gov> [REDACTED] Ex. 4 - CBI

Ex. 4 - CBI

> Cox, Edward C MAJ USARMY NG VAARNG (US);
Ex. 4 - CBI Grant, Gregory L LTC USARMY

(US); 'letitia.tierney@wv.gov' <letitia.tierney@wv.gov>

[REDACTED] Ex. 4 - CBI Cseh, Larry F

>CAPT

Ex. 4 - CBI

>

'martha.a.mcelfresh@wv.gov' <martha.a.mcelfresh@wv.gov>; masten@niehs.nih.gov
<masten@niehs.nih.gov>; miller.aubrey@nih.gov <miller.aubrey@nih.gov>;

Ex. 4 - CBI

singhvi.raj@epa.gov <singhvi.raj@epa.gov>;

[REDACTED] Ex. 4 - CBI

[REDACTED] US); 'vck3@cdc.gov' <vck3@cdc.gov>; 'walter.m.ivey@wv.gov'
<walter.m.ivey@wv.gov>; werner.lora@epa.gov <werner.lora@epa.gov>

Cc: 'clark.becki@epamail.epa.gov' <clark.becki@epamail.epa.gov>; 'sayles.gregory@epa.gov'

<sayles.gregory@epa.gov>; [REDACTED] m>

Subject: Re: PPH Discussion Group

Hello all - please add the three individuals in the CC distribution above to your contacts for the PPH discussion group.

Becki and Gregory are with the EPA and Dr. [REDACTED] is with the Dow Chemical Company.

Regards,

Ex. 4 - CBI

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

From: [REDACTED] **Ex. 4 - CBI**
To: arquato.william@epa.gov. [REDACTED] EX. 4 - CBI
[REDACTED] "Ex. 4 - CBI" [REDACTED], bucher@niehs.nih.gov, burns.fran@epa.gov, capacasa.jon@epa.gov,
"caporale.cynthia@epa.gov"
<caporale.cynthia@epa.gov> [REDACTED] **Ex. 4 - CBI**
christopher.weis@nih.gov, "[REDACTED]"
<Ex. 4 - CBI> [REDACTED] Ex. 6 - Personal Privacy [REDACTED] Ex. 4 - CBI
<Ex. 4 - CBI> [REDACTED] Ex. 6 - Personal Privacy [REDACTED] "letitia.tierney@wv.gov"
<letitia.tierney@wv.gov>, "[REDACTED] Ex. 6 - Personal Privacy [REDACTED]" [REDACTED] Ex. 4 - CBI [REDACTED] loc3@cdc.gov,
[REDACTED]

Ex. 4 - CBI
"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>, masten@niehs.nih.gov,
miller.aubrev@nih.gov.
Ex. 4 - CBI
singhvi.raj@epa.gov, "[REDACTED] Ex. 4 - CBI" [REDACTED]
research.com>, [REDACTED] Ex. 4 - CBI [REDACTED]
a.dupont.com>, "vck3@cdc.gov"
<vck3@cdc.gov>, "walter.m.ivey@wv.gov"
<walter.m.ivey@wv.gov>, werner.lora@epa.gov
Date: 01/24/2014 06:15 PM
Subject: Re: PPH Discussion Group

Corrected email for Jon Capacasa now included.

Regards,

Ex. 4 - CBI
President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

www.amwater.com

From: [REDACTED] Ex. 4 - CBI
To: [REDACTED] Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>, "walter.m.ivey@wv.gov"
<walter.m.ivey@wv.gov>, [redacted]

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI , "letitia.tierney@wv.gov"
<letitia.tierney@wv.gov>, [redacted] Ex. 4 - CBI]"
Ex. 4 - CBI]>, "caporale.cynthia@epa.gov"
<caporale.cynthia@epa.gov>, "vck3@cdc.gov" <vck3@cdc.gov>, [redacted] Ex. 4 - CBI
Ex. 4 - CBI Ex. 6 - Personal Privacy
christopher.weis@nih.gov, arguto.william@epa.gov, loc3@cdc.gov, burns.fran@epa.gov,
capacasa.john@epa.gov, [redacted] Ex. 4 - CBI
singhvi.raj@epa.gov, werner.lora@epa.gov
Date: 01/24/2014 05:55 PM
Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we here from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 4 - CBI

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

<< File: Untitled attachment 01343.htm >> << File: c174433.ics >>

ÿ